

**CURRICULUM
REFORM
BULLETIN**

**Molecules To
Military Medicine**



29 Apr 11

This bulletin represents the 3rd in a series of bi-weekly updates on topics related to Curriculum Reform. Comments, suggestions, or questions are more than welcome and can be forwarded to Col Pock at:

Armyce.pock@usuhs.mil.



Innovative Example of Integrated Teaching:

- o New Curriculum Emphasizes Integrated, Inter-Disciplinary Teaching
 - o Contrasts with Traditional Use, Stand-Alone Courses
 - o Opportunity for New Teaching Approaches & Modalities
- o Example: Clinical & Diagnostic Ultrasound
 - o Ultrasound Incorporated into Pre-Clerkship Modules
 - o Normal Anatomy/Structure/Function
 - o Abnormal Anatomy/Structure/Function
 - o Add'l Teaching in Advanced Didactics [a.k.a. Bench to Bedside & Beyond or B³]
 - o Ex: Ultrasound-Guided Procedures
 - ✓ Central & Peripheral IV Access
 - ✓ Thoracentesis & Paracentesis



These Bulletins may be read on line at

<http://www.usuhs.mil/curriculumreform/whatsnew.html>



Proposed Ultrasound Curriculum:

- o Musculoskeletal-Skin Module: 1.5 hrs
 - Long-Bone Fractures, Tendon Ruptures, Foreign Body, Cellulitis vs. Abscess
- o Cardio/Pulm/Renal Module: 3.5 hrs
 - Basic Cardiac Exam—Chambers & Valves
 - Renal Exam—ex: Hydronephrosis
 - Aortic Exam—Identifying Abdominal Aortic Aneurysms, Aortic Dissections
- o Neuroscience/Behavior Module: 1 hr
 - Ocular Exam—Identifying Retinal Detachments, Foreign Bodies, and Optic Nerve Sheath Diameter (Sign of Increased Intracranial Pressure)
- o GI/Hepatobiliary/Nutrition/Metabolism Module 1.25 hrs
 - Gallbladder Exam—Identifying Gallstones & Cholecystitis
- o Repro/Endo Module: 1.5 hrs
 - Thyroid Exam—ex: Identification of Thyroid Nodules
 - Trans-Abdominal Female GU Exam—ex: Identifying Early Pregnancy
- o Multisystem & Complex Disease Module: 3 hrs
 - eFAST exam: **e**xtended **F**ocused **A**ssessment with **S**onography in **T**rauma
 - Assess for: Intraperitoneal Fluid, Pericardial Tamponade, Hemothorax, Pneumothorax
 - Advanced Cardiac/Resuscitation